



State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES

6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095
(603) 271-3406 FAX (603) 271-7894



April 16, 2002
Letter of Deficiency
DAM #126.33

Mr. Tom Dutton
Public Works Dept.
City of Keene
580 Main Street
Keene, NH 03431

RE: Goose Pond Dam South Dike, Keene

Dear Mr. Dutton:

The Department of Environmental Services, Dam Bureau (DES) consistently strives to enhance the safety of dams in New Hampshire through its dam safety program. One of the many instruments that plays a part in reaching this goal is our inspection program. DES is forwarding this correspondence to you to advise you that in accordance with RSA 482:12 and Env-Wr 502.02, an inspection of the subject dam was conducted on October 22, 2001. During this visual inspection and/or file review, the following deficiencies were observed:

There was brush and small tree growth on the upstream and downstream embankments of the dike; and

2. There was seepage at the toe of the dike, in the historic locations. V-notch weirs have been installed and a monthly log is maintained. It appeared that flows were similar to previous measurements conducted since the installment of the weirs.
3. There is no operation and maintenance plan on file with the DES;

DES believes that the above deficiencies can be corrected by performing the following items prior to the indicated schedule:

October 1, 2002:

Remove the brush and small tree growth on the upstream and downstream embankments of the dike;

On a continual basis:

2. Maintain the weir for measuring seepage and maintain a log noting the date, pond elevation and seepage quantity for review by the Dam Bureau; and
3. Prepare and submit to the DES a written operation and maintenance plan. The plan should describe the control of impoundment levels, monitoring and maintenance procedures, and identify emergency contact personnel;

Letter of Deficiency
Dam #126.33
April 16, 2002
pg. 2

DES is requesting that you complete and submit the attached "Intent to Complete Repairs" form, within 30 days of receipt of this letter, that will provide for correction of the identified deficiencies by the date(s) indicated above. If you believe changes to the items of work or dates are necessary, please make the changes directly on the form and provide a brief explanation. We have enclosed a self addressed stamped envelope for you to return this form.

Our intent in sending you this correspondence is to make you aware of items that DES believes warrant your attention to insure the continued safe operation of your dam. It is our hope that, through the submittal of the attached form and a commitment to keeping a well-maintained dam, you will voluntarily comply with the requested items of work. If we do not receive the intent form or a similarly adequate written reply, we will assume that you are in agreement with our findings and recommendations and DES will carry out follow-up inspections accordingly.

If you have any questions or comments regarding this Letter of Deficiency or would like to be present at future inspections, please contact me at 271-3406, or write to the Water Division at the address listed on the top of the previous page.

Sincerely,

COPY

Dale F. Guinn, P.E.
Dam Safety Engineer

Attachments Guideline for an O&M plan, DB8, DB13
cc: Gretchen Rule ✓
Certified # 7099 3400 0002 9773 6408
DFG/was/h:/safety/lod/126-33lod.doc